

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/017590

A. CLASSIFICATION OF SUBJECT MATTER

C25D1/00(2006.01), C25D3/66(2006.01), B81C1/00(2006.01)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

C25D1/00(2006.01) - C25D7/12(2006.01), C23C4/00(2006.01) - C23C6/00(2006.01), B81C1/00(2006.01)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2005
Kokai Jitsuyo Shinan Koho	1971-2005	Toroku Jitsuyo Shinan Koho	1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Science Direct, Science Citation Index Expanded(Web of Science)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 07-316817 A (Kyocera Corp.), 05 December, 1995 (05.12.95), Par. Nos. [0006] to [0021] (Family: none)	1-7
A	JP 2004-084059 A (Sumitomo Electric Industries, Ltd.), 18 March, 2004 (18.03.04), Par. Nos. [0007] to [0056] (Family: none)	7-10
A	TAKENISHI, H. and KATAGIRI, A. Effect of Oxide Ion on the Electrodeposition of Tungsten in the ZnCl ₂ -NaCl(60-40mol%) Melt. Electrochemistry, 1999, Vol.67, No.6, pages 669 to 676	8-10

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
12 December, 2005 (12.12.05)Date of mailing of the international search report
27 December, 2005 (27.12.05)Name and mailing address of the ISA/
Japanese Patent Office

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2003-213484 A (Nippon Steel Corp.), 30 July, 2003 (30.07.03), Par. Nos. [0005] to [0007] (Family: none)	8-10

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The subject matter of claims 8 and 9 involves processes for producing the structure which employ a molten salt bath containing any of all organic compounds. However, the molten salt bath disclosed in the meaning of Article 5 of the PCT is limited to one containing polyethylene glycol as an organic compound. The claims hence lack a support in the meaning of Article 6 of the PCT.

Therefore, a search was made only for the range which is supported by and disclosed in the description, i.e., the case where a molten salt bath containing polyethylene glycol as an organic compound is used.